



PATENT  
Attorney Docket No. JP920000016US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Hiroshi MARUYAMA et al.

Serial No: 09/670,489

Filed: September 26, 2000

For: DATA COMPRESSION  
APPARATUS, DATABASE SYSTEM, DATA  
COMMUNICATION SYSTEM, DATA  
COMPRESSION METHOD, STORAGE MEDIUM  
AND PROGRAM TRANSMISSION APPARATUS

Examiner: Cong-Lac HUYNH

Art Unit: 2178

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action after filing a request for continued examination. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449, with the exception of U.S. patent documents, is provided. See MPEP 609.


No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the references are not "prior art." Applicants do not represent that a prior art search has been made or that no other art than that identified

herewith exists. Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

Dated: July 25, 2005

  
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Sheet 1 of 1

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Modified) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
JP920000016US1

SERIAL NO.  
09/670,489

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANTS  
Hiroshi MARUYAMA et al.

FILING DATE  
September 26, 2000

GROUP  
2178

### U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|---------------|------------|----------|-------|----------|-------------------------------|
|                     |               |            |          |       |          |                               |
|                     |               |            |          |       |          |                               |
|                     |               |            |          |       |          |                               |
|                     |               |            |          |       |          |                               |

### U.S. PATENT APPLICATION PUBLICATION

| EXAMINER<br>INITIAL | PUBLICATION NUMBER | PUB. DATE | APPLICANT | APPLICATION NUMBER | FILING DATE |
|---------------------|--------------------|-----------|-----------|--------------------|-------------|
|                     |                    |           |           |                    |             |
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### FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

|  | DOCUMENT<br>NUMBER | PUBLISHED<br>DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|--------------------|-------------------|---------|-------|----------|-------------|----|
|  |                    |                   |         |       |          | YES         | NO |
|  |                    |                   |         |       |          |             |    |

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|          |  |
|----------|--|
|          | European Patent Office Form 1503 for Application No. EP01300387 dated May 30, 2005   |
|          | R W Matzen et al., A Formal Language Model for Parsing SGML, J. of Systems and Software, vol. 36, pp.147-1212 (1997)                                       |
|          | J Katajainen et al., Tree Compression and Optimization with Applications, Int. J. of Foundations of Computer Science, vol. 1, No. 4, pp. 425-447 (1990)    |
|          | J Liefke et al., XMill: an Efficient Compressor for XML Data, Computer and Information Science of University of Pennsylvania, Technical Report, pages 1-26 |
|          | F. Nack et al., Everything You Wanted to Know About MPEG-7: Part 2, IEEE Multimedia, vol. 6, no. 4, pp. 64-73 (Oct. 1999)                                  |
| EXAMINER | DATE CONSIDERED  |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.